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cont'd

been identified. These defence reactions may be directed both against individual cell constituents and against entire cells or organs.

In the Abstract:

An Abstract on a separate page is attached to this amendment.

In the Claims

Please add new claims 6-14, and cancel claims 1-5 without prejudice or disclaimer:

-- 6. (New) A medicament for treating a previously diagnosed inappropriate reaction or over-reaction of an individual's immune system, comprising:

an autoantigen or allergen specific to the inappropriate reaction or over-reaction of the individual's immune system;

a bisphosphonic acid, wherein the bisphosphonic acid is selected from the group consisting of AMP, AEP, pamidronic acid, alendronic acid, AIMP, ibandronic acid, risedronic acid, zoledronic acid, cimadronic acid, and tiludronic acid; and

an excipient.

7. (New) The medicament of claim 6, wherein the autoantigen is selected from the group consisting of nervous system tissue extracts, collagen, thyroglobulin, acetylcholine receptor protein, DNA, islet cell extracts, insulin, liver extracts, adrenal cortex extracts, skin extracts, muscle extracts, haemopoietic cell line extracts, heart extracts, eye lens proteins, S-antigens, gastric cell extracts, parietal cell extracts, intrinsic factor, and intestinal extracts.

8. (New) The medicament of claim 6, wherein the allergen is selected from the group consisting of pollen, dust, mites, foods, animal danders, and insect venom.

9. (New) A medicament for treating a previously diagnosed inappropriate reaction or over-reaction of an individual's immune system, comprising:

an autoantigen, wherein the autoantigen is selected from the group consisting of nervous system tissue extracts, collagen, thyroglobulin, acetylcholine receptor protein, DNA, islet cell extracts, insulin, liver extracts, adrenal cortex extracts, skin extracts, muscle extracts, haemopoietic cell line extracts, heart extracts, eye lens proteins, S-antigens, gastric cell extracts, parietal cell extracts, intrinsic factor, and intestinal extracts, or allergen, wherein the allergen is selected from the group consisting of pollen, dust, mites, foods, animal danders, and insect venom, specific to the inappropriate reaction or over-reaction of the individual's immune

system;

a bisphosphonic acid, wherein the bisphosphonic acid is selected from the group consisting of AMP, AEP, pamidronic acid, alendronic acid, AIMP, ibandronic acid, risedronic acid, zoledronic acid, cimadronic acid, and tiludronic acid; and  
an excipient.

10. (New) A method for treating a previously diagnosed inappropriate reaction or over-reaction of an individual's immune system, comprising:

administering an autoantigen or allergen specific to the inappropriate reaction or over-reaction of the individual's immune system;

administering a first dose of a bisphosphonic acid; and

administering a second dose of a bisphosphonic acid.

11. (New) The method of claim 10, wherein the bisphosphonic acid of the first and second doses is selected from the group consisting of AMP, AEP, pamidronic acid, alendronic acid, AIMP, ibandronic acid, risedronic acid, zoledronic acid, cimadronic acid, and tiludronic acid.

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12. (New) The method of claim 10, wherein the autoantigen is selected from the group consisting of nervous system tissue extracts, collagen, thyroglobulin, acetylcholine receptor protein, DNA, islet cell extracts, insulin, liver extracts, adrenal cortex extracts, skin extracts, muscle extracts, haemopoietic cell line extracts, heart extracts, eye lens proteins, S-antigens, gastric cell extracts, parietal cell extracts, intrinsic factor, and intestinal extracts.

13. (New) The method of claim 10, wherein the allergen is selected from the group consisting of pollen, dust, mites, foods, animal danders, and insect venom.

14. (New) A method for treating a previously diagnosed inappropriate reaction or over-reaction of an individual's immune system, comprising:

administering an autoantigen, wherein the autoantigen is selected from the group consisting of nervous system tissue extracts, collagen, thyroglobulin, acetylcholine receptor protein, DNA, islet cell extracts, insulin, liver extracts, adrenal cortex extracts, skin extracts, muscle extracts, haemopoietic cell line extracts, heart extracts, eye lens proteins, S-antigens, gastric cell extracts, parietal cell extracts, intrinsic factor, and intestinal extracts, or allergen, wherein the allergen is selected from the group consisting of pollen, dust, mites, foods, animal danders, and insect venom, specific to the inappropriate reaction or over-reaction of the